

AMENDMENTS TO THE CLAIMS

Listing of Claims

The following listing of claims replaces all previous listings or versions thereof:

- 1-28. (Canceled)
29. (Currently amended) An isolated polynucleotide encoding a polypeptide comprising the amino acid sequence essentially as set forth in SEQ ID NO: 4.
30. (Currently amended) The isolated polynucleotide of claim 29, wherein said polynucleotide comprises the nucleic acid sequence essentially as set forth in SEQ ID NO:3.
31. (Original) The polynucleotide of claim 30, wherein said polynucleotide is operatively linked to a promoter.
32. (Original) The polynucleotide of claim 30, further defined as a cDNA segment.
33. (Original) The polynucleotide of claim 30, wherein said polynucleotide is comprised in a vector.
34. (Currently amended) A recombinant host cell comprising a DNA segment encoding an isolated choline transporter having the amino acid sequence essentially as set forth in SEQ ID NO:4.
35. (Currently amended) A recombinant vector comprising a DNA segment encoding a mouse choline transporter polypeptide having the sequence of SEQ ID NO:4 under the control of a promoter.

36. (Original) A purified and isolated polynucleotide wherein the polynucleotide comprises a sequence identical or complementary to between 10 and 100 contiguous nucleotides of SEQ ID NO:3.

37-105. (Canceled)